

20020124.qrp v02_n445.qrl.20020124

Date: Thu, 24 Jan 2002 19:03:08 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2445

QRP-L Digest 2445

Topics covered in this issue include:

- 1) [118162] BRUCIE - give us a break!
by "Paul Harden, NA5N" <na5n@rt66.com>
- 2) [118163] Fox:the other one
by Dan Presley <talljazz@teleport.com>
- 3) [118164] WARNING!!!!!!!!!!!!
by David Gilson <kd3em@velocity.net>
- 4) [118165] Re: BRUCIE - give us a break!
by "Glen Torr" <glentorr@ozemail.com.au>
- 5) [118166] Re: WARNING!!!!!!!!!!!!
by "Steve/n0tu" <n0tu@codenet.net>
- 6) [118167] RE: Strange Rumblings - What was that?
by "AI2Q Alex" <ai2q@adelphia.net>
- 7) [118168] Re: Strange Rumblings - What was that?
by "W2WU" <w2wurjj@verizon.net>
- 8) [118169] GRINDING WHEEL & ALUMINUM
by "W2WU" <w2wurjj@verizon.net>
- 9) [118170] Short vert for Backpacking
by Steven Weber <kd1jv@moose.ncia.net>
- 10) [118171] Re: Short Vertical for backpacking
by "Karl F. Larsen" <k5di@zianet.com>
- 11) [118172] Re: CUB FOX: Cub Fox Hunt #13 Preliminary Log
by "Karl F. Larsen" <k5di@zianet.com>
- 12) [118173] NEQRP CW Net, 24 January 02, 8:30 PM EST, 3.565MHz
by Chuck Ludinsky <cjl@mitre.org>
- 13) [118174] Central OKC area
by Spoolieman@aol.com
- 14) [118175] SINCERE THANKS, NA5N
by "ss lyon" <sslyon@megalink.net>
- 15) [118176] Re: digital camera!
by "John J. McDonough" <wb8rcr@arrl.net>
- 16) [118177] Re: BRUCIE - give us a break!
by "Lee Mairs" <lmairs@cox.rr.com>
- 17) [118178] Re: Central OKC area
by "J. W. (Dub) Thornton" <dub@oklahoma.net>
- 18) [118179] FOX hunt #25 N0TU's FINAL log
by "Steve/n0tu" <n0tu@codenet.net>
- 19) [118180] Re: GRINDING WHEEL & ALUMINUM

- by "pschweit" <pschweit@mninter.net>
- 20) [118181] Re: Plug in your key
by Dan Presley <talljazz@teleport.com>
- 21) [118182] Thanks to who ever posted the \$26 camera info!
by "Trevor Jacobs" <fxtech@earthlink.net>
- 22) [118183] Do not ground to a hot water pipe!
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 23) [118184] re:VP8THU
by "Adrian Weiss" <aweiss@usd.edu>
- 24) [118185] KD1JV W7ZOI 555 SMT Keyer is built!
by John Wagner <john@wagner-usa.net>
- 25) [118186] Re: Do not ground to a hot water pipe!
by "W2WU" <w2wurjj@verizon.net>
- 26) [118187] Re: VP8THU
by Dave Sjolin <sjolin@swbell.net>
- 27) [118188] Re: Ground .vs. Counterpoise
by "Adrian Weiss" <aweiss@usd.edu>
- 28) [118189] Re: Short Vertical for backpacking
by Steven Weber <kd1jv@moose.ncia.net>
- 29) [118190] Re: VP8THU
by "Adrian Weiss" <aweiss@usd.edu>
- 30) [118191] Re: BRUCIE - give us a break!
by "Doug Hendricks" <ki6ds@dospalos.org>
- 31) [118192] Re: BRUCIE - give us a break!
by John R Kirby <n3aaz-qrp@juno.com>
- 32) [118193] re:VP8THU
by "w8diz" <w8diz@fpqrp.com>
- 33) [118194] Re: Ground .vs. Counterpoise
by Bill ROWLETT <kc4atu@yahoo.com>
- 34) [118195] Re: VP8THU
by Dave Sjolin <sjolin@swbell.net>
- 35) [118196] Re: Short Vertical for backpacking
by "Karl F. Larsen" <k5di@zianet.com>
- 36) [118197] Re: Thanks to who ever posted the \$26 camera info!
by David Hinerman <WD8CIV@worldnet.att.net>
- 37) [118198] Re: Brucie - give us a break!
by JFRAKE73@aol.com
- 38) [118199] [CONTEST] N2CQ QRP Contest Calendar Jan 24-31
by Ken Newman <N2CQ@dandy.net>
- 39) [118200] Re: Brucie - give us a break!
by Jim Stiles <jjstiles@optonline.net>
- 40) [118201] Re: BRUCIE - give us a break!
by "Stephen M. King" <frastephen@home.com>
- 41) [118202] Re: Brucie - give us a break!
by "Randy Randall" <RANDALLR@Healthall.com>
- 42) [118203] (FS) Gusher Antennas was "Short Vertical for backpacking"
by <n2cx@voicenet.com>
- 43) [118204] Re: Brucie - give us a break!

by <duffy01@fuse.net>
44) [118205] Dr Dx...Code trainer
by "d l" <nr2v@northnet.org>
45) [118206] Ref. DX Pile-ups
by George Franklin <w0av@juno.com>
46) [118207] QSOs with "new "Generals
by Ed Lawson <k1vp@grizzly.com>
47) [118208] RE:Dyslexia (was: potential contest)
by Brian Kassel <bkassel@dancris.com>
48) [118209] Re: Brucie - give us a break!
by "bob baxter" <rbaxter@cybertrails.com>
49) [118210] re:VP8THU
by Bruce Rattray <rattray@gpfn.sk.ca>
50) [118211] Re: Ref. DX Pile-ups
by "George, W5YR" <w5yr@att.net>
51) [118212] Re: Brucie - give us a break!
by delphinus@brightok.net
52) [118213] Re: VP8THU
by Bill ROWLETT <kc4atu@yahoo.com>
53) [118214] Re: VP8THU
by Dave Sjolín <sjolin@swbell.net>
54) [118215] Re: VP8THU
by W2AGN <w2agn@pobox.com>
55) [118216] Re: Dyslexia
by Jim Glover <psykey@okcforum.org>
56) [118217] TST: Test Message - Don't Read - No Content
by "Arthur G. Silvers" <ags@ieee.org>
57) [118218] DXer's discipline and VP8THU
by "AI2Q Alex" <ai2q@adelphia.net>
58) [118219] Re: DXer's discipline and VP8THU
by W2AGN <w2agn@pobox.com>
59) [118220] phono plugs 2c worth
by euramcom pages <mel@euramcom.freemove.co.uk>
60) [118221] Phono/RCA Plugs
by "W2WU" <w2wurjj@verizon.net>
61) [118222] Argosy II
by "William W. Combs" <wcombs@dbts.edu>
62) [118223] Re: BRUCIE - give us a break!
by Randy Goff <kd8g@casinternet.net>
63) [118224] Re: Phono/RCA Plugs
by "Paul Christensen" <paulc@mediaone.net>
64) [118225] Re: DXer's discipline and VP8THU
by Bill ROWLETT <kc4atu@yahoo.com>
65) [118226] Truffle tonight 1-25-02z
by Macstein@aol.com
66) [118227] PC Board Cutting
by Ke9xq@aol.com
67) [118228] Re: Dr Dx...Code trainer

by Monte Stark <ku7y@qsl.net>
68) [118229] Re: WARNING!!!!!!!!!!!!
by Monte Stark <ku7y@qsl.net>
69) [118230] Re: BRUCIE - give us a break!
by Monte Stark <ku7y@qsl.net>
70) [118231] Re: PC Board Cutting
by Ed Manuel <edmanuel@directvineternet.com>
71) [118232] Re: PC Board Cutting
by "David Porter" <aa3ur@home.com>
72) [118233] OT: The Dyslexic Agnostic Insomniac...
by "ss lyon" <sslyon@megalink.net>
73) [118234] Re: Brucie - give us a break!
by "Dave Richards" <wr3i@earthlink.net>
74) [118235] Elecraft at RadioFest, Monterey, CA Feb 23rd (Date change)
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
75) [118236] small amounts of tyvek for sled kites
by "John_Evans" <jae@codenet.net>
76) [118237] Re: PC Board Cutting
by "Brice D. Hornback" <bdh@cyberbound.net>
77) [118238] Re: small amounts of tyvek for sled kites
by Drbob92031@aol.com

Date: Wed, 23 Jan 2002 17:17:06 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [118162] BRUCIE - give us a break!
Message-ID: <Pine.SUN.4.10.10201231459400.23908-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 23 Jan 2002, Bruce Muscolino wrote:

>
> Perhaps because this was probably
> before you were born that you don't think my experience means anything.
>

The thought HAS crossed my mind lately.

>
> If you don't want to learn then why don't you shut up!
>

BRUCIE ... WHY DON'T YOU GIVE THESE GUYS ON QRP-L A BREAK !!!

>>> You are the most DISCOURAGING poster on this group. <<<

How do you expect these guys to learn when all you do is criticize, insult, slam, degrade and tell people to shutup? Your continual "look it up in the Handbook" answers have no place here. Your ham experience, evidently spanning from the Titanic to 20 years ago Netherlands, has little relevance to TODAY's ham radio. I've seen many good technical and operating threads on QRP-L killed because people are afraid to post followups due to your continued insults and attacks ... which incidentally, you very much enjoy doing by private email as well. You are the main cause for the erosion of the quality and tone of QRP-L for many, many months. You have discouraged a vast majority of us from posting ANYTHING anymore.

When was the last time you had an HF CW QRP QSO? You don't seem to have a clue to what's going on the air these days. Yet, you feel qualified to criticize the knowledge level and skills of our new hams.

I have far more respect for the brand new 5wpm general, struggling along at 8-10wpm, using a Windom with RG-58 instead of ladder line with a 3:1 SWR, operating from his non-linoleum covered bench, having a few QSO's with his crystal-controlled rig and code-reader ... then I do some guy who hasn't been on the air in years and slams everyone for not being a ham "his way." This is 2002 now, and the hobby will never be like it was for you in 1950. Sorry. Get with the program.

I know you have a lot to contribute to QRP-L, as you have to the hobby for years. I suggest you start doing so in a constructive manner, start promoting the hobby instead of tearing it down, and ENCOURAGE our new fraternal hamming buddies who worked just as hard to get their ham tickets as you did yours.

72, Paul NA5N

Date: Wed, 23 Jan 2002 16:29:27 -0800
From: Dan Presley <talljazz@teleport.com>
To: qrp-l@lehigh.edu
Subject: [118163] Fox:the other one
Message-ID: <p0501040fb875053b724f@[209.63.112.215]>

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

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Date: Thu, 24 Jan 2002 11:43:50 +1100
From: "Glen Torr" <glentorr@ozemail.com.au>
To: "\"Low Power Amateur Radio Discussion\"" <grp-l@Lehigh.EDU>

Subject: [118165] Re: BRUCIE - give us a break!
Message-ID: <000701c1a470\$31390f40\$fc7354d2@com.au>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Everyone,

Pauls post is one of the most constructive I have read on qrp-l for a long time.

Cheers

Glen VK1FB

Date: Wed, 23 Jan 2002 17:53:48 -0700
From: "Steve/n0tu" <n0tu@codenet.net>
To: <kd3em@velocity.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [118166] Re: WARNING!!!!!!!!!!!!
Message-ID: <001101c1a471\$966d74e0\$6a211d82@cos.agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In the shop at work they have a magnet stuck on the grinder next to the on switch. The safety routine is if the magnet won't stick to the piece you want to grind DON'T GRIND IT PERIOD!

~ Steve/n0tu ~

----- Original Message -----
From: "David Gilson" <kd3em@velocity.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, January 23, 2002 5:28 PM
Subject: WARNING!!!!!!!!!!!!

> Hello to all.
> My name is Dave and I was looking through the QRPP FALL 2001 Volume IX No.3 Page 8. MP-1 GROUND STAKE MOUNT. In reviewing this article I notice that the author made mention of using a bench grinder to make a point on

one end of a (1/2" SOLID ALUMINUM ROD). THIS MY FRIENDS IS A NO NO. NEVER NEVER PUT ALUMINUM TO A BENCH GRINDER, FOR TWO REASONS. THE FIRST BEING THAT THE GRINDING WHEEL WILL BE RUIN, AND SECONDLY THE WHEEL MAY BLOW UP IN YOUR FACE BECAUSE THE ALUMINUM WILL CLOG ALL OF THE WHEELS POURS AND WILL PREVENT THE HEAT FROM ESCAPING AND CAUSING THE WHEEL TO EXPLODE. IF IT DOESN'T SPARK WHEN TOUCHED TO A GRINDING WHEEL THEN DON'T GRIND IT.

>

>

>

> 73's de Dave KD3EM

>

> QRP ARCI 8126

> FISTS 8460

>

>

Date: Wed, 23 Jan 2002 19:54:01 -0500

From: "AI2Q Alex" <ai2q@adelphia.net>

To: <gary.halpern@sympatico.ca>,

 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>

Subject: [118167] RE: Strange Rumbblings - What was that?

Message-ID: <000001c1a471\$9d823360\$6401a8c0@alex>

MIME-Version: 1.0

Content-Type: text/plain;

 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Gary:

What kind of "strange rumbblings" are you seeing? I'm hearing intense over-the-horizon woodpecker signals on 80/75 meters most evenings, as well as strong "numbers stations" in the CW and DX window segments of 80 meters.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Gary Halpern

Sent: Tuesday, January 22, 2002 6:44 PM

To: Low Power Amateur Radio Discussion

Subject: Strange Rumbblings - What was that?

By producing multiple tones over a time parameter, a picture or graphic could be displayed on the waterfall. I am still rubbing my eyes and wondering if the National Enquirer should be contacted or was it just a bad dream or the Canadian portion of the ionosphere playing tricks. Has anyone experienced recent unusual activity on their waterfall display?

Date: Wed, 23 Jan 2002 20:15:46 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: <ai2q@adelphia.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [118168] Re: Strange Rumbings - What was that?
Message-ID: <001601c1a490\$3122e1a0\$71c2fea9@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

List:

It may be the High Frequency Active Auroral Research Program (HAARP) in operation, or a site near Moscow ME. Has anyone experienced propagation anomalies. Documentation can be found on the web & U of Alaska. <W2WU>

----- Original Message -----

From: AI2Q Alex <ai2q@adelphia.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: 23 January, 2002 16:54
Subject: RE: Strange Rumbings - What was that?

> Hi Gary:

>

> What kind of "strange rumbings" are you seeing? I'm hearing intense
> over-the-horizon woodpecker signals on 80/75 meters most evenings, as well
> as strong "numbers stations" in the CW and DX window segments of 80
meters.

>

>

> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

>

>

>

>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Gary Halpern
> Sent: Tuesday, January 22, 2002 6:44 PM
> To: Low Power Amateur Radio Discussion
> Subject: Strange Rumbblings - What was that?
>
>
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> could be displayed on the waterfall. I am still rubbing my eyes and
> wondering if the National Enquirer should be contacted or was it just a
> bad dream or the Canadian portion of the ionosphere playing tricks. Has
> anyone experienced recent unusal activity on their waterfall display?
>
>
>

Date: Wed, 23 Jan 2002 20:32:15 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: <n0tu@codenet.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [118169] GRINDING WHEEL & ALUMINUM
Message-ID: <001701c1a490\$31db8340\$71c2fea9@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Warning is true. I've worked in a machine shop& on the Emergency Squad
... and this was a cardinal safety warning. Check out applicable safety
manuals including OSHA. Always
wear safety glasses. You may feel stupid, but have you ever seen a metal
shard in the eye or want to be blind? It isn't a pretty sight (no pun
intended), nor is scraping people up. Doubt me? See the saftey film! <W2WU>

There are accepted methods of machining alumium USE THEM.

----- Original Message -----
From: Steve/n0tu <n0tu@codenet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: 23 January, 2002 16:53
Subject: Re: WARNING!!!!!!!!!!!!

> In the shop at work they have a magnet stuck on the grinder next to the on

> switch. The safety routine is if the magnet won't stick to the piece you
> want to grind DON'T GRIND IT PERIOD!
>
> ~ Steve/n0tu ~
>
>
> ----- Original Message -----
> From: "David Gilson" <kd3em@velocity.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Wednesday, January 23, 2002 5:28 PM
> Subject: WARNING!!!!!!!!!!!!!!
>
>
> > Hello to all.
> > My name is Dave and I was looking through the QRPp FALL 2001 Volume IX
> No.3 Page 8. MP-1 GROUND STAKE MOUNT. In reviewing this article I notice
> that the author made mention of using a bench grinder to make a point on
> one end of a (1/2" SOLID ALUMINUM ROD). THIS MY FRIENDS IS A NO NO.
NEVER
> NEVER PUT ALUMINUM TO A BENCH GRINDER, FOR TWO REASONS. THE FIRST BEING
> THAT THE GRINDING WHEEL WILL BE RUIN, AND SECONDLY THE WHEEL MAY BLOW UP
IN
> YOUR FACE BECAUSE THE ALUMINUM WILL CLOG ALL OF THE WHEELS POURS AND WILL
> PREVENT THE HEAT FROM ESCAPING AND CAUSING THE WHEEL TO EXPLODE. IF IT
> DOESN'T SPARK WHEN TOUCHED TO A GRINDING WHEEL THEN DON'T GRIND IT.
> >
> >
> >
> > 73's de Dave KD3EM
> >
> > QRP ARCI 8126
> > FISTS 8460
> >
> >
>
>

Date: Wed, 23 Jan 2002 21:11:10 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [118170] Short vert for Backpacking
Message-ID: <3.0.6.32.20020123211110.007a1d30@mailhost.ncia.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Howdy Gang,

Well, this has turned out interesting. I decided to go with top loading, for my tent pole vertical, as it was easiest to do. Wound a coil on some 1/2" ID PVC which "looked about right" Used a wood dowel to support the coil form in the top of the alum tube. Added four, two foot, stiff wires to the top of the coil form for a top hat in the shape of an X. Added four, 7.5 foot radials to the coax connector and hooked up the MFJ-269 analyzer. Was able to "tweak" the coil in to get a pretty good match around 14.060, but not better than 1.5:1.

Then I bent the wire top hat into a clover leaf pattern and soldered the ends to the next wire over about 6" out. Retuned the coil and got the min SWR a little lower. Humm. I then ran out and got a 12" Pizza tin plate and put that on top. Wow, that really helps! Was able to tweak the SWR down to 1.1:1. Also found making a coax choke at the base of the vertical helps too.

Now I need to see what happens when I drill a whole bunch of holes into the pizza plate. As it is now, I'm afraid the wind will get under it and topple the thing, or worse yet, send it flying.

I know a few of you out there are going to want to know more specific details on this thing's construction, but I think we still have to work a few of them out....

BTW, I'm pretty impressed with this MFJ analyzer, it sure makes cut/N/try a whole lot easier! (Edison would be proud)

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Wed, 23 Jan 2002 19:21:18 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [118171] Re: Short Vertical for backpacking
Message-ID: <Pine.LNX.4.33.0201231907560.10180-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Steven, I have been backpacking for 50 years and have taken all kinds of HF radios with me. The most successful is the Ten Tec Argonaut with a home made mike and key. I carried this with a nicad battery for 12 years that I did the Scout 50 Mile Backpack with Troop 66 which I was Scoutmaster for. I held regular evening schedules on 80 meters and let homesick scouts talk to their Mother. (We were 35 miles from a road).

I always to this day carry a dipole. The one for these trips is 2 rolls of #22 hookup wire soldered to a center insulator. There the RG-178 feedline connected to the wires. The center of the antenna was 40 feet high in a pine tree. For 80 meters 60 feet is reeled off both ends and then tied to a tree or bush. The rope is nylon lacing cord.

My new backpack antenna is about the same but I left off 80 meters. And I have RS plugs to shorten it for 30 meters, 20 meters and 18 meters. It works 15 meters and 10 meters with the 40 and 20 meter lengths.

A vertical is almost useless with out As Much or more wire for radials. I have tried verticals backpacking and decided they are just terrible.

On Wed, 23 Jan 2002, Steven Weber wrote:

> I stopped by the local hardware/camping supply store today and found a real
> aluminum, shock cord loaded tent pole. Four sections extend to just under 6
> 1/2 feet. Three times more expensive than the tent pole I got at Wal-Mart,
> but much more suited for backpacking.

>

> So, now I wonder if I should put the loading coil between the 3d and 4th
> sections and keep it 6 1/2 feet long (+the coil) or put the coil at the top
> with a capacity hat or whip extention. Guess I'm leaning towards the
> latter. (keep in mind we're looking for operation on 20M only)

>

>

> 72,

> Steve, KD1JV

> "Melt Solder"

> White Mountians of New Hampshire

> <http://www.qsl.net/kd1jv/>

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 23 Jan 2002 19:30:13 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [118172] Re: CUB FOX: Cub Fox Hunt #13 Preliminary Log
Message-ID: <Pine.LNX.4.33.0201231925010.10180-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ron, I could have kept the records of when you switched antenna's because your signal south went from about 589 to 569 when you did it. There was a lot of fast flutter too.

For some reason if the Fox moves, it takes me 10 minutes to find him again! I think it's a mental block or something.

It looks like you tied for the most pelts given out. That is un-likely but these things can happen.

On Wed, 23 Jan 2002, Zoerb, Ron wrote:

> Hello All,
>
> Here is the initial log for Hunt #13 from "snow packed and icy" Colorado.
>
> What appeared to be a good frequency at the start became very busy with a
> mixture of undesirable QRM. There was considerable OM (Operator Malfunction)
> that took place during the first 15 minutes and then subsided to some
> degree.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 23 Jan 2002 22:07:50 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [118173] NEQRP CW Net, 24 January 02, 8:30 PM EST, 3.565MHz
Message-ID: <3C4F7A86.95959490@mitre.org>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 24 January 2002, at 8:30 PM EST (0130Z, 25 Jan 02) on or near 3.565 MHz. Net control operator for this week's 80M session will be John, K1RC, operating from Dracut, MA.

Net control op last week was Chuck, K1CL, operating from Chelmsford, MA. With continuing excellent conditions, we had a total of eleven participants:

N1VS	Vince	Winsted, CT	599
W1CFI	Paul	Falmouth, MA	599
W2RBA	Joe	Mount Vision, NY	599
WB1HBE	John	Chelmsford, MA	599
AA1JO	Ed	Tyngsboro, MA	599
K1CWZ	Spi	Nashua, NH	599
AB8FJ	Ed	Loveland, OH	449-579
KD1YV	Jim	Bethel, CT	599
K1RC	John	Dracut, MA	599
N1ZSW	Ron	Worcester, MA	579
K1CL	Chuck	Chelmsford, MA	net op

Welcome to Ed, AB8FJ, and nice to have Vince return for the second time. Great to hear Joe and Jim again, after a few weeks away from the net. John and Ed, AA5JO, are both working on new Elecrafts -- John on a K1, and Ed on a K2 (he already has a K1). Spi completed his K2, putting it on the net for the first time. Looks like the K2, especially, is taking over the QRP world.

Thanks to everyone for QNI'ing. Hope to hear you again on this week's net.

72 DE K1CL,
Chuck

Date: Wed, 23 Jan 2002 22:13:41 EST
From: Spoolieman@aol.com
To: qrp-l@lehigh.edu
Subject: [118174] Central OKC area
Message-ID: <138.835164e.2980d5e5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Anyone aware of any kind of QRP club here in the OKC / Norman area?
Thanks,
Steve
kb5kwo

Date: Wed, 23 Jan 2002 22:28:58 -0500
From: "ss lyon" <sslyon@megalink.net>
To: <na5n@rt66.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [118175] SINCERE THANKS, NA5N
Message-ID: <00c201c1a487\$4268f700\$c7a969ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not wanting to risk silence lest it be mistaken for lack of support, I heartily endorse Paul's response, and hope it is applied energetically to the other one or two who seem to share the notion that degradation is somehow equated to legitimate sport. Seems vaguely reminiscent of the "good old days" (yes, it's a leap... but...) when lynching was referred to in some circles as... "just funnin".

Very, very 73
AA1MY
Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm
----- Original Message -----
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, January 23, 2002 7:17 PM
Subject: BRUCIE - give us a break!

>
>
> On Wed, 23 Jan 2002, Bruce Muscolino wrote:
> >
> > Perhaps because this was probably
> > before you were born that you don't think my experience means anything.
> >
>

> The thought HAS crossed my mind lately.
>
>
>
> >
> > If you don't want to learn then why don't you shut up!
> >
>
> BRUCIE ... WHY DON'T YOU GIVE THESE GUYS ON QRP-L A BREAK !!!
>
> >>> You are the most DISCOURAGING poster on this group. <<<
>
> How do you expect these guys to learn when all you do is criticize, insult,
> slam, degrade and tell people to shut up? Your continual "look it up in
> the Handbook" answers have no place here. Your ham experience, evidently
> spanning from the Titanic to 20 years ago Netherlands, has little relevance
> to TODAY's ham radio. I've seen many good technical and operating threads
> on QRP-L killed because people are afraid to post followups due to your
> continued insults and attacks ... which incidentally, you very much enjoy
> doing by private email as well. You are the main cause for the erosion
> of the quality and tone of QRP-L for many, many months. You have
> discouraged a vast majority of us from posting ANYTHING anymore.
>
> When was the last time you had an HF CW QRP QSO? You don't seem to have
> a clue to what's going on the air these days. Yet, you feel qualified to
> criticize the knowledge level and skills of our new hams.
>
> I have far more respect for the brand new 5wpm general, struggling along
> at 8-10wpm, using a Windom with RG-58 instead of ladder line with a 3:1
> SWR, operating from his non-linoleum covered bench, having a few QSO's
> with his crystal-controlled rig and code-reader ... then I do some guy who
> hasn't been on the air in years and slams everyone for not being a ham
> "his way." This is 2002 now, and the hobby will never be like it was for
> you in 1950. Sorry. Get with the program.
>
> I know you have a lot to contribute to QRP-L, as you have to the hobby for
> years. I suggest you start doing so in a constructive manner, start
> promoting the hobby instead of tearing it down, and ENCOURAGE our new
> fraternal hamming buddies who worked just as hard to get their ham tickets
> as you did yours.
>
> 72, Paul NA5N
>
>
>
>
>
>
>

Date: Wed, 23 Jan 2002 22:43:16 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [118176] Re: digital camera!
Message-ID: <002201c1a489\$4433ba00\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FWIW, last summer I got an Aiptek Pen Cam at Wal-Mart for about \$50. I noticed recently that they had them again. This turns out to be a pretty nice camera for the money. You can easily slide it in your pocket, it's been great fun at club meetings &c.

It doesn't focus real close, but I have had good luck with taking pictures through my slobbering magnifier.

The biggest downside is that the camera is pretty small and light. This means you need to pay attention to holding it still. When you want to whip off an image quick, it's pretty easy to get motion blur because it's only a couple of ounces.

Anyway, just my experience. This isn't a GREAT camera, but if you want something cheap, it's pretty serviceable. 26 shots at 1024x768 or >100 at 320x240, 2-AAA batteries don't last all that long, but better than the 4 AA's in my wife's Casio. Oh, and it DOESN'T have flash, the memory is RAM, so if the batteries die you loose the pix. But it has a USB cable so the download is pretty painless.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "David Hinerman" <WD8CIV@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, January 23, 2002 11:16 AM
Subject: digital camera!

> Folks,
>
> For whoever was looking for an inexpensive digital camera:

>
> <http://www.compgeeks.com/details.asp?invtid=LMINI350-TB-NB>
>
> It's a fixed-focus, 640x480x24-bit color camera, but for \$26 it might be
> worth a look. (With a little experimentation you could probably find a
lens
> to stick in front of the camera for close-up work if you need it.)
>
> I have no interest in the company other than being a satisfied customer.
>
> Dave
>
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net
>

Date: Wed, 23 Jan 2002 22:54:17 -0500
From: "Lee Mairs" <lairs@cox.rr.com>
To: <na5n@rt66.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [118177] Re: BRUCIE - give us a break!
Message-ID: <008601c1a48a\$cc343460\$6501a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well said, Paul. Thank God I only had friendly Elmers 40 years ago when I
got into this hobby..
73 de Lee
km4yy

No one can draw more out of things, books included, than he already
knows. A man has no ears for that to which experience has given him no
access.

--Friedrich Nietzsche

----- Original Message -----
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, January 23, 2002 7:17 PM
Subject: BRUCIE - give us a break!

>
>
> On Wed, 23 Jan 2002, Bruce Muscolino wrote:
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> > before you were born that you don't think my experience means anything.
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> The thought HAS crossed my mind lately.
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> on QRP-L killed because people are afraid to post followups due to your
> continued insults and attacks ... which incidentally, you very much enjoy
> doing by private email as well. You are the main cause for the erosion
> of the quality and tone of QRP-L for many, many months. You have
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> When was the last time you had an HF CW QRP QSO? You don't seem to have
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> at 8-10wpm, using a Windom with RG-58 instead of ladder line with a 3:1
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> with his crystal-controlled rig and code-reader ... then I do some guy who
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> "his way." This is 2002 now, and the hobby will never be like it was for
> you in 1950. Sorry. Get with the program.
>
> I know you have a lot to contribute to QRP-L, as you have to the hobby for
> years. I suggest you start doing so in a constructive manner, start
> promoting the hobby instead of tearing it down, and ENCOURAGE our new

> fraternal hamming buddies who worked just as hard to get their ham tickets
> as you did yours.
>
> 72, Paul NA5N
>
>
>
>
>
>
>

Date: Wed, 23 Jan 2002 21:56:16 -0600
From: "J. W. (Dub) Thornton" <dub@oklahoma.net>
To: Spoolieman@aol.com
Cc: qrp-1@lehigh.edu
Subject: [118178] Re: Central OKC area
Message-ID: <5.1.0.14.2.20020123215207.018e64e0@mail.oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:13 PM 1/23/2002 -0500, you wrote:
>Anyone aware of any kind of QRP club here in the OKC / Norman area?
>Thanks,
>Steve
>kb5kwo

Hi Steve: Good timing. Let me invite you to our OKC QRP monthly
breakfast/show'n'tell/bull session next Sat, Jan 26th. We are not an
organized club, as such, just a bunch of QRP'ers who like to get together
every 4th Sat of the month, and have a good time.

Ingrids Kitchen
N.W. 36th & Youngs Blvd. (halfway between May Ave, & Pennsylvania Ave)
8am till ???

"72" Dub

-
J. W. (Dub) Thornton WA5YFY
Minco, OK.

Date: Wed, 23 Jan 2002 21:37:07 -0700
From: "Steve/n0tu" <n0tu@codenet.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [118179] FOX hunt #25 N0TU's FINAL log
Message-ID: <01b301c1a490\$c82e2dc0\$6a211d82@cos.agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

This should be it! Thanks for the updates and hunt! Steve.

FOX hunt #25 N0TU's FINAL log:

FOX: N0TU
Rig: k2 @5w
Ant: CFZ at 25'

0200-0400 1/18/02

GMT CALL RST STATE NAME PWR

0202 NQ7X 559 AZ FLOYD 5W
0203 W5TB 559 TX DOC 5W
0204 N1FN 559 CO ET 5W
0205 WE9K 559 WI GLENN 5W
0206 K5ZTY 559 TX? BILL 5W
0207 AA7XA 559 OR FRANK 5W
0208 K0EVZ 559 ND DOC 5W
0209 K5OI 559 OK TIM 5W
0210 K4GT 559 GA JIM 5W
0211 KI0II 559 CO RON 5W
0212 K9IS 559 WI STEVE 3W
0213 N9AW 559 WI JERRY 5W
0214 N4ROA 559 VA? DAN 5W
0215 W5USJ 559 TX CHUCK 5W
0216 VE5RC 559 SKW BRUCE 5W
0217 VE6EX 559 ALB DAN 5W
0218 W8VJW 559 MI JOHN 5W
0219 NK6A 559 CA ? 5W
0220 N0AR 559 MN SCOTT 5W
0221 KR5C 559 TX GEORGE 5W
0222 K0FRP 579 CO AL 5W
0223 W7ILW 559 AZ WALT 5W
0224 K3PH 559 PA BOB 5W

0225 N2WW 559 CO LARRY 5W
0226 K4ADI 559 SC FRANK 5W
0227 KB9LGJ 559 CA TIM 5W
0228 KB7WW 559 OR ART 5W
0229 WA9TZE 599 WI JIM 5W
0230 N4MAP 559 GA SAM 5W
0231 WV9N 559 OH RANDY 5W
0232 N6WG 599 CA BOB 5W
0233 W3CD 559 CA BOB 5W
0234 W5YR 559 TX GEORGE 5W
0235 AD6JV 559 CA BILL 5W
0236 K6BNX 579 CA ARLEN 5W
0237 W0CH 559 MO DAVE 900MW
0238 N3BJ 559 VA ALAN 5W
0239 KC0ATC 559 CO CHRIS 3W
0240 W9XU 559 WI LON 5W
0242 NK9G 559 WI RICK 5W
0243 KA9CAR 559 IL JOHN 100W
0244 N5IW 559 TX DAVE 5W
0246 KB0LUR 599 CO PAUL 5W
0247 AA50 559 LA VERN 5W
0248 KG6CYN 579 CA TREV 5W
0250 N0RC 559 CO ROD 5W
0251 KJ0C 599 MO JIM 5W
0252 NQ7K 599 AZ MIKE 5W
0253 VA6RF 559 ALB EARL 5W
0254 K8CV 559 MI WALT 5W
0255 K9IUA 559 IA KEVIN 5W
0256 N3ZPQ 559 OH FRANK 4W
0257 N0UR 579 MN JIM 5W
0258 K4TJD 559 GA TOM 5W
0259 KQ5U 559 TX TERRY 5W
0300 K0PC 559 MN PAT 5W
0301 KK5LD 559 TX DAN 5W
0302 KE6RS 559 CA RON 5W
0304 K5EOA 559 LA WAYNE 5W
0305 W0IS 599 MN RICK 5W
0306 WE6W 559 CA ED 4W
0307 K5DI 559 NM KARL 5W
0308 K7TQ 559 ID RANDY 5W
0309 WB6BWZ 559 GA MATT 5W
0310 N1TP 559 FL TOM 5W
0311 KC1FB 559 CT JIM 5W
0314 K3IU 579 RI KEN 5W
0315 K5DW 559 TX DON 5W
0316 K8MIA 559 WV JIM 5W
0317 VE3FAL 559 ONT FRED 5W
0318 W0RSP 569 SD ADE 4W

0319 W9HL 559 IL RANDY 5W
0320 K4FB 559 FL PAUL 5W
0321 N9IJ 579 IL LEN 5W
0322 NV8S 559 OH DENNIS 5W
0324 N9NE 569 WI TODD 100MW
0325 WR50 559 TX DAVE 5W
0326 W9JOP/4 559 VA BOB 220MW
0327 K8DD 559 MI HANK 5W
0328 K9DC 559 IN DAVE 5W
0329 KD5KXF 559 TX MIKE 5W
0330 AF4LQ 559 KY MIKE 5W
0331 WA8BXN 559 OH MIKE 5W
0332 W8NDG 579 MI BOB 5W
0333 NX8C 559 MI NEIL 5W
0334 AB5XQ 559 AR BILL 5W
0335 NM5M 579 TX ERIC 5W
0336 VE4WI 559 MAN CRAIG 5W
0337 K4BYF 559 FL JACK 5W
0338 KB9YIG 559 IN TONY 5W
0339 KK5NA 559 TX JOE 5W
0340 AF4PS 559 FL MAC 3W
0341 N0HRL 559 MN KEN 5W
0342 WA8ZBT 559 TX DENNIS 5W
0343 NV4V 559 KY PETE 5W
0344 VE6KG 559 ALB NORM 5W
0345 KL7IXI 559 WA MIKE 4W
0346 K8KFJ 559 WV GARY 5W
0348 AG0T 559 ND TODD 4W
0349 AD2A 559 NJ DAVE 5W
0350 K5BGB 559 TX ROD 5W
0351 W4ZNJ 559 CA CHARLIE 5W
0352 K5JHP 559 TX BILL 5W
0355 KB3EOF 559 MD SANDY 5W
0357 W0JOE 559 MO JOE 5W
0358 AB0CD 559 CO DICK 5W
0359 N8VAR 559 OH RON 5W
0400 N0TU 559 CO STEVE 5W

Date: Wed, 23 Jan 2002 22:24:43 -0600

From: "pschweit" <pschweit@mninter.net>

To: <w2wurjj@verizon.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [118180] Re: GRINDING WHEEL & ALUMINUM
Message-ID: <000201c1a492\$97cd9e20\$e0e6add1@pschweit>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Aluminum and Iron will initiate a thermite reaction,,,, BOOM! and a fire
will be visiting you

----- Original Message -----

From: W2WU <w2wurjj@verizon.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, January 23, 2002 10:32 PM
Subject: GRINDING WHEEL & ALUMINUM

> The Warning is true. I've worked in a machine shop& on the Emergency Squad
> ... and this was a cardinal safety warning. Check out applicable safety
> manuals including OSHA. Always
> wear safety glasses. You may feel stupid, but have you ever seen a metal
> shard in the eye or want to be blind? It isn't a pretty sight (no pun
> intended), nor is scraping people up. Doubt me? See the saftey film!
<W2WU>

>

> There are accepted methods of machining alumium USE THEM.

> ----- Original Message -----

> From: Steve/n0tu <n0tu@codenet.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: 23 January, 2002 16:53
> Subject: Re: WARNING!!!!!!!!!!!!

>

>

> > In the shop at work they have a magnet stuck on the grinder next to the
on

> > switch. The safety rountine is if the magnet won't stick to the piece
you

> > want to grind DON'T GRIND IT PERIOD!

> >

> > ~ Steve/n0tu ~

> >

> >

> > ----- Original Message -----

> > From: "David Gilson" <kd3em@velocity.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Sent: Wednesday, January 23, 2002 5:28 PM
> > Subject: WARNING!!!!!!!!!!!!

> >
> >
> > > Hello to all.
> > > My name is Dave and I was looking through the QRPP FALL 2001 Volume IX
> > No.3 Page 8. MP-1 GROUND STAKE MOUNT. In reviewing this article I
notice
> > that the author made mention of using a bench grinder to make a point
on
> > one end of a (1/2" SOLID ALUMINUM ROD). THIS MY FRIENDS IS A NO NO.
> NEVER
> > NEVER PUT ALUMINUM TO A BENCH GRINDER, FOR TWO REASONS. THE FIRST BEING
> > THAT THE GRINDING WHEEL WILL BE RUIN, AND SECONDLY THE WHEEL MAY BLOW UP
> IN
> > YOUR FACE BECAUSE THE ALUMINUM WILL CLOG ALL OF THE WHEELS POURS AND
WILL
> > PREVENT THE HEAT FROM ESCAPING AND CAUSING THE WHEEL TO EXPLODE. IF IT
> > DOESN'T SPARK WHEN TOUCHED TO A GRINDING WHEEL THEN DON'T GRIND IT.
> > >
> > >
> > >
> > > 73's de Dave KD3EM
> > >
> > > QRP ARCI 8126
> > > FISTS 8460
> > >
> > >
> >
> >
>
>
>

Date: Wed, 23 Jan 2002 17:25:40 -0800
From: Dan Presley <talljazz@teleport.com>
To: k8ff@juno.com
Cc: qrp-1@lehigh.edu
Subject: [118181] Re: Plug in your key
Message-ID: <p05010410b87511d26793@[209.63.112.215]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>I have a novel idea. Instead of flame wars or complaining about them,
>plug in your key and operate some CW. The sound of crowded CW segments
>on non contest days would be sheer delight.
>

>73, Wayne K8FF

Exactly! That is why I posted a note about my qso with K5HK/MM/QRPP.
He was using a 'toy' crystal-controlled SMK-1 rig that fits in an
altoids tin, while he's also the radioman on a container ship in the
Pacific. If a lot of these yahoos would spend time working qsos, they
might mellow out a bit and realize what the hobby is really all
about. One of the fun qsos I've had in a while-get on the air!

--

Dan Presley-N7CQR-Portland, Or QRP-L #502
n7cqr@arrl.net

Date: Wed, 23 Jan 2002 21:26:14 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [118182] Thanks to who ever posted the \$26 camera info!
Message-ID: <001301c1a497\$a4a861c0\$54e9b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Can't find the e-mail about the \$26 digital camera, I think I may have
deleted it by accident (getting a bit too anxious with that delete key
Hi!), but just wanted to say thanks, as I ordered one today. I'd been
thinking about buying one for a while so that I can put pictures on the
web of current projects, and it may work out great since pictures for
the web don't need to be great quality. I should have the rev II circuit
boards for my DDS project in a week or so, so maybe I'll take some pics
with it to see how it works out.

72/73's
Trev
KG6CYN

Date: Wed, 23 Jan 2002 23:31:44 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <WE7X@aol.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [118183] Do not ground to a hot water pipe!

Message-ID: <01ea01c1a498\$69089940\$4e100a0a@rohredt2000>

Rod,

You are 100 per cent correct about the hot water pipe isolation on modern water heaters, in fact you could have a nasty lightning event, if the antenna was hit, and the surge traveled via the hot water pipe to the heater. The heater has a gap in metal to metal contact to prevent electrolysis destroying the pipes.

As you said, many house services beyond the water heater to the meter are plastic today, NOT earthed by a conductor. You could have an explosion of the hot water heater if hit by lightning by this method of antenna/rig grounding.

A so called Windom, as I privately told the questioner, is an Off Center Fed dipole, (OCF), of half wave length, and since it is that long; is a self completing antenna without need of counterpoise or earth rod for its antenna function. (A true Windom was a half wave antenna fed off center with a SINGLE wire feeder).

There are needs for safety grounding and static dissipation, served by short ground wire from chassis of an AC operated rig, or by resistors from the feedline, (both sides) to earth to dissipate antenna static. A spark gap would be good to bleed induced surge from nearby lightning, although nothing can totally protect against a direct strike. Thus, disconnect antennas from rigs when not in use, and even ground out the feedline if possible.

ONCE again, loops, half wave dipoles, and any balanced antenna of at least half wave long can wholly contain the wave of the frequency it is cut for or higher, and as such has no need of local earth to complete its antenna function. Unbalanced verticals of the quarter wave type, need a counterpoise, or elevated radials, or an elaborate earth laid ground radial screen to be a complete antenna. Both types benefit from ground reflections but these happen in the Fresnel Zone some 5 wave lengths from the antenna, and thus well beyond the ability of most of us to influence by use of radials, or any other enhancement to the poor RF character of dirt!

72,

Stuart K5KVH

Date: Thu, 24 Jan 2002 07:30:53 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU
Subject: [118184] re:VP8THU
Message-ID: <GQFGSG00.6YA@mail.usd.edu>

Hi all:

VP8THU on 30m was the all-time pile-up, sometimes 12kc wide! Here was an instance where the usual strategies made no sense. Most of the time, I was unable to locate the freq of the stn he was working. When I did, a quick listen showed it was totally obliterated with mega-sigs. I'd call anyhow just to use my Wilderness KC1 keyer with heavy weighting. One of the few times I felt that it was hopeless.

The good news is he QRT'd and sailed from S. Sandwich to S. George. Chapter 2 about to begin!

But there was one consolation. Many of the QRO types who regularly blast my chances of working a good DX stn were still in there calling away at the very end -- just like I was.

The only difference is that I have a stupid dipole up there and a Sierra or QRP+. They have FT1000-whatever at \$3500+ and some of these QRO types have full-sized 3-5 element yagi at 90ft. Boy, if I had all that invested in being the guy who worked every DX stn first, I'd be totally depreseed and take a sledgehammer to the whole lot!

BUT, other QRP'rs have been doing well. S92JHF in Sao Tome/Principe (pile-ups big, not as big cuz' he seems to be weak, sometimes very weak) has been on 30m several times. N4NL/QRP nailed him handily -- congrats! He also tailed me on V51AS whom I've worked about a dozen times

72 all, Ade

Date: Thu, 24 Jan 2002 00:36:12 -0500
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [118185] KD1JV W7ZOI 555 SMT Keyer is built!
Message-ID: <3C4F9D4C.26FBFB69@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

This afternoons mail brought a familiar mailing label attached to a

package from Steve, KD1JV. I cracked it open this evening and it was a package of SMD parts and a slick little circuit board. Also included is what Steve called a "little" write-up, but it's actually a very complete set of instructions and an in-depth synopsis of the function of this kit!

My previous SMD experience was the SMK-1 from Norcal. Some of you may (or may not) remember that I was not enthralled with using SMD parts. I think my comments at the time went something along the lines that humans shouldn't be using parts that are meant to be assembled by machines. The SMK-1 is a FB little rig, but I found building it fairly tedious at the time.

Well, I've changed my mind. As long as the 1206 size parts are available, I can deal with them. Yes, they are small (don't SNEEZE near them or inhale deeply for that matter), but they are usable. They are also MUCH cheaper than through-hole parts, btw.

The circuit board was very well laid out. The instructions are clear. Builders should take note that C1 is marked twice on the circuit board. The included layout sheet shows one of the C1's X'ed out and C4 in its place.

I found the assembly very simple and straightforward. For some reason I wasn't as nervous around the SMD's this time around and made no mistakes. Again, the instructions are very, very clear.

One thing I noticed right off upon completion is that this keyer is not a direct->ground type keyer like what I have in all my rigs (maybe that's mentioned somewhere, I didn't see it). I rectified this by using a trusty 2n2222 with the base soldered to a 2.7K resistor which in turn is soldered to the + output of the keyer (Q2 collector). The emitter of the 2n2222 goes to ground and the collector goes to what I now call "keyer out." The 2.7K is a little light actually, but I happened to have one laying there so I used it. The 2n2222 didn't seem to heat up, so it's probably OK!

As for function; I didn't feel I needed to adjust the trimmers at all. The speed pot seems to control the speed quite well. However, I can't seem to get the hang of the lack of memory keying[1] and was having trouble sending 4 character CW letters accurately. This may take some getting used to!

All in all, this is a neat little kit and quite the bargain at only \$15 delivered to your door! Steve did a *great* job kitting this and is to be commended and thanked!

John, N1QO

[1] You must wait for a dah to complete before sending a dit. If you don't, the dit isn't sent. The inverse is true as well (dit->dah).

--

John Wagner - john@wagner-usa.net

Web page: <http://www.neknetwork.com>

Date: Thu, 24 Jan 2002 00:49:46 -0800

From: "W2WU" <w2wurjj@verizon.net>

To: <rohre@arlut.utexas.edu>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [118186] Re: Do not ground to a hot water pipe!

Message-ID: <001a01c1a4b4\$19944320\$71c2fea9@w2wurjj>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Great comments. The National Electrical Code required bypassing the water meter with copper wire in the 70's and the last entrance I worked on.

Firecrackers no one needs. Hmmm! <W2WU>

----- Original Message -----

From: Stuart Rohre <rohre@arlut.utexas.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: 23 January, 2002 21:31

Subject: Do not ground to a hot water pipe!

> Rod,

> You are 100 per cent correct about the hot water pipe isolation on modern
> water heaters, in fact you could have a nasty lightning event, if the
> antenna was hit, and the surge traveled via the hot water pipe to the
heater.

> The heater has a gap in metal to metal contact to prevent electrolysis
> destroying the pipes.

>

> As you said, many house services beyond the water heater to the meter are
> plastic today, NOT earthed by a conductor.

> You could have an explosion of the hot water heater if hit by lightning by
> this method of antenna/rig grounding.

>

> A so called Windom, as I privately told the questioner, is an Off Center
Fed

> dipole, (OCF), of half wave length, and since it is that long; is a self

> completing antenna without need of counterpoise or earth rod for its antenna
> function. (A true Windom was a half wave antenna fed off center with a
> SINGLE wire feeder).
>
> There are needs for safety grounding and static dissipation, served by short
> ground wire from chassis of an AC operated rig, or by resistors from the
> feedline, (both sides) to earth to dissipate antenna static. A spark gap
> would be good to bleed induced surge from nearby lightning, although nothing
> can totally protect against a direct strike. Thus, disconnect antennas from
> rigs when not in use, and even ground out the feedline if possible.
>
> ONCE again, loops, half wave dipoles, and any balanced antenna of at least
> half wave long can wholly contain the wave of the frequency it is cut for
> or
> higher, and as such has no need of local earth to complete its antenna
> function. Unbalanced verticals of the quarter wave type, need a
> counterpoise, or elevated radials, or an elaborate earth laid ground radial
> screen to be a complete antenna. Both types benefit from ground reflections
> but these happen in the Fresnel Zone some 5 wave lengths from the antenna,
> and thus well beyond the ability of most of us to influence by use of
> radials, or any other enhancement to the poor RF character of dirt!
> 72,
> Stuart K5KVH
>
>

Date: Wed, 23 Jan 2002 23:50:44 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: aweiss@usd.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [118187] Re: VP8THU
Message-ID: <3C4FA0B4.4AE0CD27@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Adrian Weiss wrote:

> VP8THU on 30m was the all-time pile-up, sometimes 12kc wide!

Heck thats hardly anything. Ive seen them 25-30 khz wide on 20 meters with some dxpeditions. Thats a real crap shoot. You dont have a clue where the station is listening. And when the pileup gets that big, someone has to come on and go keydown or send dits on the dx frequency. Really slows it down for everyone.

73 de Dave, N0IT

Date: Thu, 24 Jan 2002 07:54:36 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU
Subject: [118188] Re: Ground .vs. Counterpoise
Message-ID: <GQFHVZ00.3Y0@mail.usd.edu>

Hi Ron:

I think the key is your description:

"If counterpoise better, can it be run
on the floor of the attic which is above the rig but below the antenna?"

It sounds like the two wires are going to be 6-8ft apart. Is that right?
If so, there will be so much mutual coupling that we no longer have
and radiator and a counterpoise. Maybe a fat radiator -- whatever.
I'd venture to guess that this will not improve your antenna performance.
Also, that putting the counterpoise on your rig's floor would be better,
but still iffeey.

I've run attic dipoles from 3rd floor setups and used twinlead snaked thru
a small hole in a closet ceiling. With a balanced ant like a dipole and a
balanced feedline, you eliminate the need for a ground or counterpoise.

Now that I think of it, why did you want to use a window in the first place --
the location of your shack vs the center of the attic? I'd say that with
balanced ant and feedline, position is irrelevant -- you'd just drop the
twinlead vertically from the center of the dipole, and then along the
floor of the attic to where ever you take it down thru the ceiling. There
will be some coupling between the feedline and dipole if the feedline
runs parallel to the radiator, but you can eliminate that by simply
zigzagging the twinlead along the floor instead of a straight run.

Actually, now that I think more about it, the simple truth is that you
can't go wrong with a dipole -- it's the most basic antenna, but it is
really difficult to decrease its effectiveness.

Good luck, Ade

Date: Thu, 24 Jan 2002 01:04:49 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: qrp-1@lehigh.edu
Subject: [118189] Re: Short Vertical for backpacking
Message-ID: <3.0.6.32.20020124010449.007a3cd0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I always to this day carry a dipole. The one for these trips is 2 rolls of

Hi Karl,

I agree with you 100% that a dipole is best. In fact, I use N2CX's "Gusher" portable dipole when ever possible. (Joe, you still making/selling these?)

I plan to use this antenna on mountains, above tree line, where there are no natural supports for a dipole. It's really a special antenna for a specific need I have to put the summit of Mt Adams on the air this summer. Humm, maybe to put all of New Hampshire's 4000 footers on the air. Now there's an excuse to climb all 47 of them, hi!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Thu, 24 Jan 2002 08:18:20 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-1@Lehigh.EDU
Subject: [118190] Re: VP8THU
Message-ID: <GQFIZJ02.VXY@mail.usd.edu>

Dave K0IT said:

> VP8THU on 30m was the all-time pile-up, sometimes 12kc wide!

"Heck thats hardly anything. Ive seen them 25-30 khz wide on 20 meters

with some dxpeditions. Thats a real crap shoot. You dont have a clue where the station is listening. And when the pileup gets that big, someone has to come on and go keydown or send dits on the dx frequency. Really slows it down for everyone."

OK OK OK -- but 30m is smaller and there's not that much room! 12kc is REALLY BIG on a little band!

But you are absolutely correct about the ditters and tuner-uppers! I'm getting to feel that there is a "counter-DXing" mentality out there. It seems that ALWAYS happens.

One guy on top of VP8THU, however, took the all-time prize. He did a 5-min dissertation about how this is not real hamming because the DX has a keyer which only recognizes call letters and then sends an automatic 599 BK. Actually, this was really kind of a fascinating deliberate attempt at QRM'ing DX'ers. His point was that we weren't actually QSO'ing a person, but a machine. In a sense, this represents an advance -- a philosophical LID!

Free speech covers it I suppose...

72 Ade

Date: Wed, 23 Jan 2002 23:29:01 -0800
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-1@Lehigh.EDU>
Subject: [118191] Re: BRUCIE - give us a break!
Message-ID: <00b301c1a4a8\$cde17390\$1fa3ad40@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul, thank you a thousand times. I support you 100%. 72, Doug, KI6DS

Date: Thu, 24 Jan 2002 06:04:37 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: na5n@rt66.com, qrp-1@Lehigh.EDU, w6toy@erols.com
Subject: [118192] Re: BRUCIE - give us a break!
Message-ID: <20020124.060536.-249923.0.n3aaz-qrp@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Thank You.

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/web/>.

Date: Thu, 24 Jan 2002 06:35:31 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [118193] re:VP8THU
Message-ID: <002801c1a4cb\$3ba46370\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Ade et al...

Yea, that VP8 caused a good section of the band to be obliterated.
Could never hear the VP8 from all the QRM and blind transmissions.

Our club, the Flying Pigs are in a contest to work DXCC for 2002,
and I find about the only way to work some of the DX is to either
be the first one to answer his initial CQ or move your freq
to the outer edges of his RIT range. Also, calling with /QRP helps.

Mac, AF4PS is doing a great job picking out the DX for the contest.
He has 87 DX Q's since Jan 1st. Me, I only have 53 :)

Here are some QRP DX logs in case anyone is interested.

<http://hometown.aol.com/macstein/dxcclog.html>

<http://home.cinci.rr.com/w8diz/dxcc2002.htm>

The DX is out there...and it can be had with a few hours of midnite oil.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

----- Original Message -----

From: "Adrian Weiss" <aweiss@usd.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, January 24, 2002 2:30 AM
Subject: re:VP8THU

Hi all:

VP8THU on 30m was the all-time pile-up, sometimes 12kc wide!
Here was an instance where the usual strategies made no sense.
Most of the time, I was unable to locate the freq of the stn he
was working. When I did, a quick listen showed it was
totally obliterated with mega-sigs. I'd call anyhow just to
use my Wilderness KC1 keyer with heavy weighting. One
of the few times I felt that it was hopeless.

The good news is he QRT'd and sailed from S. Sandwich to
S. George. Chapter 2 about to begin!

But there was one consolation. Many of the QRO types who
regularly blast my chances of working a good DX stn were
still in there calling away at the very end -- just like I was.

The only difference is that I have a stupid dipole up there and
a Sierra or QRP+. They have FT1000-whatever at \$3500+
and some of these QRO types have full-sized 3-5 element
yagi at 90ft. Boy, if I had all that invested in being the guy
who worked every DX stn first, I'd be totally depreseed and
take a sledgehammer to the whole lot!

BUT, other QRP'rs have been doing well. S92JHF in
Sao Tome/Principe (pile-ups big, not as big cuz'
he seems to be weak, sometimes very weak) has been
on 30m several times. N4NL/QRP nailed him handily --
congrats! He also tailed me on V51AS whom I've worked
about a dozen times

72 all, Ade

Date: Thu, 24 Jan 2002 03:46:23 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: aweiss@usd.edu,
Low Power Amateur Radio Discussion <grp-1@Lehigh.EDU>
Subject: [118194] Re: Ground .vs. Counterpoise
Message-ID: <20020124114623.19565.qmail@web14205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all,

I have not been following this line from the begining,
but thought I would add personal experience to the
mix.

I live in a three story townhouse with the radios on
the third floor and the ant. in the attic. This puts
the ant. at about 35 feet above ground. The farm is a
random wire and a dipole on HF and a half square on 6
meters. The first dipole was 44ft feed with 300ohm
line, worked great. Changed to a 20meter dipole made
from 300ohm line with the same line as a feed.
Seperated the wires for the dipole and feed the other
end to the shack. This works well on 10 to 20 meters
and the random wire does duty on 40. Both the dipole
and the random wire go through the tuner which is
connected to one of MFJ's artifical ground units. The
system works well.

The meaning of all this is that you do not have to get
real technical about the type of or configuration of
the antenna. I find that the simpler the better at
times. A plain dipole with a 300 or 450ohm feed will
do as well as any thing for the type of operating that
most of us do. The windoms and loops all work, but
equal lengths of wire feed in the center is real
simple to do and fits into any space you have.

Good luck and work lots of DX

73 Bill KC4ATU

Do You Yahoo!?
Great stuff seeking new owners in Yahoo! Auctions!

<http://auctions.yahoo.com>

Date: Thu, 24 Jan 2002 05:47:34 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: aweiss@usd.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [118195] Re: VP8THU
Message-ID: <3C4FF456.25F25E@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Adrian Weiss wrote:

> But you are absolutely correct about the ditters and tuner-uppers!
> I'm getting to feel that there is a "counter-DXing" mentality out
> there. It seems that ALWAYS happens.

The fastest way to find the station a huge pileup is calling is by looking for the ditters and tuner-uppers. Invariably, the DX is right underneath. :-)

73 de Dave, N0IT

Date: Thu, 24 Jan 2002 05:23:58 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: "Karl F. Larsen" <k5di@zianet.com>, <qrp-1@lehigh.edu>
Subject: [118196] Re: Short Vertical for backpacking
Message-ID: <Pine.LNX.4.33.0201240520030.1791-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If your above the tree line then the dipole is hard to use. The tree line in the Gila Wilderness Area is at 12,000 feet. Since we always camp near water for obvious reasons, we are always in trees.

For mountain topping a vertical might be better.

On Thu, 24 Jan 2002, Steven Weber wrote:

> >I always to this day carry a dipole. The one for these trips is 2 rolls of
>

> Hi Karl,
>
> I agree with you 100% that a dipole is best. In fact, I use N2CX's "Gusher"
> portable dipole when ever possable. (Joe, you still making/selling these?)
>
> I plan to use this antenna on mountains, above tree line, where there are
> no natruual supports for a dipole. It's really a special antenna for a
> specific need I have to put the summit of Mt Adams on the air this summer.
> Humm, maybe to put all of New Hampshire's 4000 footers on the air. Now
> there's an excuse to climb all 47 of them, hi!
>
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountians of New Hampshire
> <http://www.qsl.net/kd1jv/>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 24 Jan 2002 08:17:34 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [118197] Re: Thanks to who ever posted the \$26 camera info!
Message-ID: <5.1.0.14.1.20020124081654.00a74140@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:26 PM 1/23/2002 -0800, you wrote:

>Hi All,
>
>Can't find the e-mail about the \$26 digital camera, I think I may have
>deleted it by accident (getting a bit too anxious with that delete key
>Hi!), but just wanted to say thanks, as I ordered one today. I'd been
>thinking about buying one for a while so that I can put pictures on the
>web of current projects, and it may work out great since pictures for
>the web don't need to be great quality. I should have the rev II circuit
>boards for my DDS project in a week or so, so maybe I'll take some pics
>with it to see how it works out.

Trev,

I'd settle for a schematic.... (Grin) I'm trying to get a DDS generator up and running myself.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Thu, 24 Jan 2002 08:18:44 EST
From: JFRAKE73@aol.com
To: qrp-l@lehigh.edu
Subject: [118198] Re: Brucie - give us a break!
Message-ID: <fe.12a33ffb.298163b4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Paul,

Well said...It's not hard to imagine the sound of applause from thousands here on QRP-L.

Thank you.

72, Jack W1IU

Date: Thu, 24 Jan 2002 08:18:28 -0500
From: Ken Newman <N2CQ@dandy.net>
To: EPA-QRP@yahooogroups.com, QRP-L@lehigh.edu, njqrp@njqrp.org,
n9avg@amsat.org
Subject: [118199] [CONTEST] N2CQ QRP Contest Calendar Jan 24-31
Message-ID: <3.0.6.32.20020124081828.008ad100@mail.dandy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
N2CQ QRP CALENDAR

JANUARY 24-31, 2002  
~~~~~

40 METER FOXHUNTS

Fox Hunt - Thursdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.

Info: <http://www.cqc.org/fox>

Cub Fox Hunt - Tuesdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.

Info: <http://www.zianet.com/k5di/fox/>

Truffle Hunt - Tue & Thur - 30 min before Fox Hunt

Info: http://fpqrp.com/pig_hunt.html
~~~~~

CQ WW 160-Meter DX Contest (CW) ... QRP Category

Jan 25 - 2200z to Jan 27 - 1600z

Rules: <http://www.cq-amateur-radio.com/cq160rules.html>

"QRP is a real test 160 meters. Try it."  
~~~~~

REF French Contest (CW)

Jan 26 - 0600z to Jan 27 - 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

"Some rare French DX may operate here"
~~~~~

BARTG Sprint Contest (Digital)

Jan 26 1200z to Jan 27 1200z

Rules: <http://www.bartg.demon.co.uk/>

"More RTTY this month"

~~~~~  
UBA DX Contest (Belgian) (SSB) ... QRP Category

Jan 26 - 1300z to Jan 27 1300z

Rules: <http://www.uba.be/HF/conrules/UBArulesfor.htm>

"Very good QRP entry. Work anyone"

~~~~~

Kansas QSO Party (All)(HF/VHF)

Date Jan 26 - 1800z to Jan 27 - 1800z

Rules: <http://www.ksarrrl.net/qso/2002ksqso.htm>

"Non-QRP but you can win anyway."

~~~~~

Thanks to WA7BNM, K3WWP, SM3CER, ARRL and others
for assistance in compiling this calendar.

Anyone may use this "N2CQ QRP Contest Calendar" for your website, newsletter,
e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

**** QRP Contest Calendar ****

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

Date: Thu, 24 Jan 2002 08:45:08 -0500

From: Jim Stiles <jjstiles@optonline.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [118200] Re: Brucie - give us a break!

Message-ID: <5.1.0.14.2.20020124084104.031ed9b0@mail-hub.optonline.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii; format=flowed

Content-transfer-encoding: 7BIT

>HI Paul:

Thanks. Needed to be said just the way you said it..
as an OF I winced each time a youngster was taken needlessly to task.

again 72 es tn timer
Jim Stiles W2NJJ K2 599, Licensed since 1939

Date: Thu, 24 Jan 2002 09:27:13 -0500
From: "Stephen M. King" <frastephen@home.com>
To: <na5n@rt66.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [118201] Re: BRUCIE - give us a break!
Message-ID: <014b01c1a4e3\$3781a7e0\$1be32d44@cc515143a>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks, Paul!

I tried the nice approach a few weeks ago and it was ineffective...
hopefully the direct approach will work... because this list is in danger of
collapsing and I would hate to see that happen.

I joined the list during the NC20 roll-out days -- it was the enthusiasm and
excitement of that time that got me interested in QRP.

But with the recent behavior of a notorious few I doubt if any new-comer to
QRP would find encouragement in the vast wasteland that QRP-L has become. I
have seen this list decline from an enthusiastic and fruitful marketplace
for the exchange of help and ideas to a shooting gallery. It is amazing the
damage that two or three people can effect...

The really sad thing is that the bad-boys actually have some constructive
contributions to make occasionally, technically speaking, but the
haughtiness, condescension, rancor and insult that they wrap their thought
with makes their input useless, at best, and destructive, at worse.

Hopefully, this direct, but necessary, intervention will hold the bad boys
at bay long enough for some time for recovery.

Peace and 73 to ALL,

Stephen
W3SMK

Date: Thu, 24 Jan 2002 09:30:36 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>
To: <qrp-l@Lehigh.EDU>
Subject: [118202] Re: Brucie - give us a break!
Message-ID: <sc4fd447.078@healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

I agree 100% too. The flood of off list e-mails I have had from Bruce =
that made NO sense was astounding! I have posted very little since. =
Your post hit the nail squarely on the head.

Randy KB8ASO

Randy E. Randall
Network Engineer
The Health Alliance of Greater Cincinnati
Phone 513-585-7146
Fax 513-585-7159

Date: Thu, 24 Jan 2002 09:40:03 -0500 (EST)
From: <n2cx@voicenet.com>
To: qrp-l@lehigh.edu
Subject: [118203] (FS) Gusher Antennas was "Short Vertical for backpacking"
Message-ID: <200201241440.g00Ee3p13561@email1.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Gang,

Thanks to Steve Weber for the plug!

I do, indeed still offer the Gusher Antennas for sale.

They are simple 1-lb coax-fed dipoles intended for inverted vee

setup for portable operation. There are several models ranging from monobanders for \$20 ppd (US) to a multibander for \$29.

For more info drop me a line at n2cx@voicenet.com.

BTW, I hope to have a web presence in the near future.

72/73,

Joe E., N2CX

Date: Thu, 24 Jan 2002 9:41:42 EST
From: <duffy01@fuse.net>
To: RANDALLR@Healthall.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [118204] Re: Brucie - give us a break!
Message-ID: <20020124144143.0CBR970.mta02.fuse.net@[216.68.1.124]>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Group,

One possibility to force a correction in behavior is to take the list to Yahoo Groups and make it a moderated list. People who don't behave can then be banned from having access to the list.

I dropped my subscription to the list for about a year or so. Great e-mails and interaction, but the flood of e-mails was incredible. I re-subscribed to the list a few months ago and was really surprised by the verbal attacks, way off topic posts and a lowering in the quality of posts and positive interaction.

p.s. - Randy, I'm also in Cincinnati. I converse with your top IS guy on occasion.

Regards,

Duffy - WB8NUT

>

> From: "Randy Randall" <RANDALLR@Healthall.com>

> Date: 2002/01/24 Thu AM 09:30:36 EST

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Subject: Re: Brucie - give us a break!

>

> I agree 100% too. The flood of off list e-mails I have had from Bruce that made

NO sense was astounding! I have posted very little since. Your post hit the nail squarely on the head.

>
> Randy KB8ASO
>
> Randy E. Randall
> Network Engineer
> The Health Alliance of Greater Cincinnati
> Phone 513-585-7146
> Fax 513-585-7159
>
>
>

Date: Thu, 24 Jan 2002 08:53:01 -0500
From: "d l" <nr2v@northnet.org>
To: "low power discussion" <qrp-1@Lehigh.EDU>
Subject: [118205] Dr Dx...Code trainer
Message-ID: <011a01c1a4de\$713e7c60\$7d24eed8@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody know of a windows based program that is similar to the c-64 "Dr. DX"
?????
73
Dean

Date: Thu, 24 Jan 2002 09:19:57 -0600
From: George Franklin <w0av@juno.com>
To: qrp-1@lehigh.edu
Subject: [118206] Ref. DX Pile-ups
Message-ID: <20020124.091958.-1669055.2.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Yep, I was also among the "losers" in the various VP8THU pile-ups.

Reminds me of the humongus pile-ups right after WW2 when I operated 10M AM phone as D4ACD.

Back then most stations were crystal -controlled and stuck on one frequency.

We would judge the condition of the band by how far above our 28.1 MHz.frequency we would hear stateside stations calling us.

More than once we heard callers from 28.1 right up to the upper band edge of 29.6 (or whatever freq was the edge back then).

Now those were pile-ups!

Incidentally, my D4ACD rig was homebrew, 20W, Heising (hissing) choke modulation. Antenna was a really "long wire" which was an abandoned telephone wire line which went over a hill. Never did know what was on the other end, if anything.

If this sounds like Bravo Sierra, so be it.

Oh, well, just a bit of nostalgia. Apologies for the bandwidth

72/73 de George/W0AV
Ex D4USA, D4ACD
Frankfurt, Germany 1945-1948

Date: Thu, 24 Jan 2002 10:46:23 -0500
From: Ed Lawson <k1vp@grizzly.com>
To: qrp-l@lehigh.edu
Subject: [118207] QSOs with "new "Generals
Message-ID: <3C502C4F.5060409@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

If I may be so bold as to post about actually operating.

While I have not been diligent about it lately, I always considered spending time in the novice bands and having pleasnats, short QSOs a responsibility or at least the decent thing to do to. Often the other OPs would be all manner of hams and not just Novices, but no matter. I believe we should be doing the same thing in the General "band" and not waiting for people to show up near the QRP freq. No need to say you are QRP, just wander around the band a bit and stop for a chat wen you hear

what seems to be sigs from a "new" general. Maybe they will be an Extra who doesn't like CW or someone who has been a ham for 60 years and whose "fist" has slowed up. Maybe they will be a new ham trying out CW. In any event a short QSO and a bit of QRS is well worth the investment.

Ed Lawson
K1VP

Date: Thu, 24 Jan 2002 08:45:07 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [118208] RE:Dyslexia (was: potential contest)
Message-ID: <3C502C03.F01FE093@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I have experimented with many CW decoding programs, interfaces etc. over the years. The very best method that I have used is the CW Get program by UA9OSV. It is WINDOWS based, runs under 9XX etc. It uses the PC sound card for a sophisticated audio filer. It allows several settings which really enhance it's ability to reject noise, sloppy sending etc. You set the center frequency, and the program displays a pseudo-spectrum analyzer picture on the screen. When I downloaded my version several months ago, it was shareware. The full program will run without registering, but the various parameters will not be saved as is the case of the registered version. It is available for download at:

<http://www.dxsoft.com/>

UA9SOV also has several other very interesting ham radio programs available at the same site.

Brian K7RE

Date: Thu, 24 Jan 2002 08:54:57 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [118209] Re: Brucie - give us a break!
Message-ID: <003c01c1a4ef\$7ae74380\$3a142aa2@bobbaxte>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Group,

I found that setting the filter for just two regular contributors to this reflector, who shall remain anonymous, I can read it daily without the usual blood pressure spikes.

Bob Baxter AA7EQ
Bisbee, Az.

Date: Thu, 24 Jan 2002 09:57:20 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Adrian Weiss <aweiss@usd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [118210] re:VP8THU
Message-ID: <Pine.LNX.4.33.0201240955510.21089-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Ade....I had a similar experience as well as learning about it on the last day or two...but I ran across VP5/VK4BRC on the Turks & Caicos and it took a bit but managed to work him qrp 5 watts SSB on 20 mtrs....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 24 Jan 2002 11:01:05 -0600
From: "George, W5YR" <w5yr@att.net>
To: w0av@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [118211] Re: Ref. DX Pile-ups
Message-ID: <3C503DD1.7351FB7C@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, George

Your posting reminded me of our email exchange of a couple or three years ago when I told you that I had worked D4A0B, a Lt. Simmons, back in those days and still had his card.

Speaking of crystal control, one of my biggest thrills as a very young and new ham was on 10-meter CW on the very bottom end of 10 running - for those days in early 1947 - QRP with a single 807 at about 10-15 watts output (didn't know how to make the antenna load it any more!). I called CQ one Sunday morning real early and started tuning up the band looking for someone - anyone! - who would answer and give me a QS0.

Well, darned if every signal I could copy all the way up to 28.5 wan't calling me!

I couldn't believe it! So, I shakily went back to the weakest signal I could hear, hoping it was some rare post-war DX operating portable or something. But it was "just" a G civilian station, which made for a good QS0 anyway.

Funny that in those days, we never thought in terms of QRP and QRO. We just operated what we could afford or were able to build using whatever parts we could lay hands on and went about the business of ham radio. Almost all rigs were "homebuilt" since manufactured transmitters were very few and even those were "high power" (100 watts or more) for the rich.

Sort of like today, isn't it?

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

George Franklin wrote:

> Reminds me of the humongus pile-ups right after WW2 when I operated 10M
> AM phone as D4ACD.
>
> Back then most stations were crystal -controlled and stuck on one
> frequency.
>
> We would judge the condition of the band by how far above our 28.1
> MHz.frequency we would hear stateside stations calling us.
>

> More than once we heard callers from 28.1 right up to the upper band edge
> of 29.6 (or whatever freq was the edge back then).
>
> Now those were pile-ups!

Date: Thu, 24 Jan 2002 11:09:14 US/Central
From: delphinus@brightok.net
To: qrp-1@Lehigh.EDU
Subject: [118212] Re: Brucie - give us a break!
Message-ID: <200201241708.LAA14072@mail1.brightok.net>

AMEN!

This message was sent using BrightNet MailMan.
<http://www.Brightok.net/mailman/>

Date: Thu, 24 Jan 2002 09:54:39 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: sjolin@swbell.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [118213] Re: VP8THU
Message-ID: <20020124175439.11316.qmail@web14206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The trick is not to find where the DX is transmitting, but where he is listening. The DX station can help if he is saying up or down. Then you know where to start looking. At times the hunt for where he is listening is impossible because of the size of the pile-up. Just makes it all the more of a challenge.

The problem is the lack of good operating on the members of the pile-up. No body uses their ears anymore. It is real easy to pick out the ones who do not hear who they are calling, but they just call, and call, and call. Its funny to hear the DX go QRT and hear these guys still calling.

Good luck to all.

73 Bill KC4ATU

Do You Yahoo!?

Great stuff seeking new owners in Yahoo! Auctions!
<http://auctions.yahoo.com>

Date: Thu, 24 Jan 2002 12:11:37 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: kc4atu@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [118214] Re: VP8THU
Message-ID: <3C504E59.76597659@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Bill ROWLETT wrote:

>
> The trick is not to find where the DX is transmitting,
> but where he is listening.

True but there are also times where its hard to find the station being called because the pileup is out of control and the dx is only transmitting five seconds or less out of every two minutes. Its also hard when the dx is 339 and is only giving N0IT 5NN BK.

> The problem is the lack of good operating on the
> members of the pile-up. No body uses their ears
> anymore. It is real easy to pick out the ones who do
> not hear who they are calling, but they just call, and
> call, and call. Its funny to hear the DX go QRT and
> hear these guys still calling.

True. Ive always found that qsk is a great help in the pileups. At the least you can stop transmitting if you hear the dx come back to someone else. It also lets you learn how much time the dx normally takes to pick out a call.

73 de Dave, N0IT

Date: Thu, 24 Jan 2002 13:18:12 -0500
From: W2AGN <w2agn@pobox.com>

To: Bill ROWLETT <kc4atu@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [118215] Re: VP8THU
Message-ID: <0201241318120M.02372@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Thursday 24 January 2002 12:54, Bill ROWLETT wrote:
> The trick is not to find where the DX is transmitting,
> but where he is listening. The DX station can help if
> he is saying up or down. Then you know where to start
> looking. At times the hunt for where he is listening
> is impossible because of the size of the pile-up. Just
> makes it all the more of a challenge.

--

Actually, the problem was both. Stations were calling him over 30+ khz, so it was rather hard to find where he was listening. He said "up" but up was a long way. Then, on top of that, he was rather weak, so it was hard, after hearing the pileup, to find the DX. The suggestion someone made to listen for the tuners was good. I found him by listening for the "DX Police" sending "LID" and "UP you jerk."

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Thu, 24 Jan 2002 12:18:33 -0600
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@lehigh.edu
Subject: [118216] Re: Dyslexia
Message-ID: <200201241818.g00IIXp02119@okcforum.org>

<http://www.grennan.com/Stories/Dyslixics.html>

Date: Thu, 24 Jan 2002 10:57:38 -0800
From: "Arthur G. Silvers" <ags@ieee.org>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [118217] TST: Test Message - Don't Read - No Content

Message-ID: <3C505922.B5BAE24F@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Date: Thu, 24 Jan 2002 14:09:08 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <kc4atu@yahoo.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [118218] DXer's discipline and VP8THU
Message-ID: <000101c1a50a\$99ed3440\$6401a8c0@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rotten QRM! It started the day radio was invented.

Nonetheless, these stated problems about pile-ups and DX-station QRM are real, however I don't think it's necessarily improper to call a DXpedition station after he has apparently QRT. It could very well be that he will be motivated to take additional calls, or that another operator is getting ready.

A much more real problem is the calling stations that call, and, call and call---even when the DX has acknowledged a callsign and is already in QS0! These guys make it really difficult sometimes to find where the DX station is listening.

In the "old days" the pileup would get "activated" after the DX op sent TU or QRZ?, but nowadays many ops just call and call---apparently continuously. It is true that occasionally an operator may not hear the DX station's call, and may make an errant call on top of a QS0 in progress, but the sheer number of DXers calling over a QS0 in progress is appalling---and weird. How the hell can they expect to make a QS0? By the way, an editorial in QST some months ago encouraged new DXers to just call and call until they might get lucky and hear a reply!

It's sad to see how many operators show an almost appalling lack of on-the-air discipline, a trait that should---and did in years past---characterize a "pro." Discipline should be something inherent in a radio operator's notebook, but with the dumbing down of ham radio has come a simple (literally) mentality that works against common sense. Not much is

said about this in ham circles and magazines.

My pet peeve is the "helper" who sends a K or a dit (over the weak DX station) to indicate that the DX station has turned it over to the caller. On Top Band and 80 meters especially, these guys often prevent one from turning off a receiver's AGC, for fear of getting their eardrums drilled. This unjustifiable and rude (and illegal) action also means that if the DX station were audible (say, on a peak of QSB) the receiving operator would miss the call. The magic of the moment would be lost.

Why are so many Amateur Radio operators so poorly trained, unruly, thoughtless, uninformed, and undisciplined?

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Bill ROWLETT

Sent: Thursday, January 24, 2002 12:55 PM

To: Low Power Amateur Radio Discussion

Subject: Re: VP8THU

The trick is not to find where the DX is transmitting, but where he is listening. The DX station can help if he is saying up or down. Then you know where to start looking. At times the hunt for where he is listening is impossible because of the size of the pile-up. Just makes it all the more of a challenge.

The problem is the lack of good operating on the members of the pile-up. No body uses their ears anymore. It is real easy to pick out the ones who do not hear who they are calling, but they just call, and call, and call. Its funny to hear the DX go QRT and hear these guys still calling.

Good luck to all.

73 Bill KC4ATU

Do You Yahoo!?

Great stuff seeking new owners in Yahoo! Auctions!

<http://auctions.yahoo.com>

Date: Thu, 24 Jan 2002 14:26:37 -0500
From: W2AGN <w2agn@pobox.com>
To: "AI2Q Alex" <ai2q@adelphia.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [118219] Re: DXer's discipline and VP8THU
Message-ID: <0201241426370N.02372@CC2289974-A>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Thursday 24 January 2002 14:09, AI2Q Alex wrote:

>
> It's sad to see how many operators show an almost appalling lack of
> on-the-air discipline, a trait that should---and did in years
> past---characterize a "pro." Discipline should be something inherent in a
> radio operator's notebook, but with the dumbing down of ham radio has come
> a simple (literally) mentality that works against common sense. Not much is
> said about this in ham circles and magazines.

>
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> thoughtless, uninformed, and undisciplined?
>
> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

--

I think you answered the second paragraph above with the one before it. But beware! You are bordering on "elitism!"

John L Sielke W2AGN
 w2agn@pobox.com
http://www.qsl.net/w2agn
 Trustee: W3IYQ

Date: Thu, 24 Jan 2002 19:29:42 +0000
From: euramcom pages <mel@euramcom.freemove.co.uk>
To: <qrp-l@lehigh.edu>

Subject: [118220] phono plugs 2c worth
Message-ID: <T58a6626e83ac1785c3189@pcow058m.blueyonder.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Subject: phono plugs 2c worth

I've never really understood why anyone would want to use a=
phono
plug for anything, even audio, given that it is IMHO a whole=
piece
of
absolute garbage.

In most any equipment I have ever had to repair or test,
professionally or on an amateur basis, if a phono plug and socket=
is
fitted, then that tends to be where all intermittent faults lie.

I've seen them melted when used as power plugs and sockets (yes,
some
people use them as that), and the lack of a decent cord grip even=
in
the most expensive gold plated versions gives rise to flexing
problems and intermittent faults.

And then we come to trying to make any co-ax fit to them!

Spend the \$ more and buy a BNC or other RF connector I say. Think=
on
this! Despite all the opinions, at QRP levels you've only got a=
few
watts (or milliwatts) to play with. Why faff about using=
ANYTHING
which is likely to introduce any form of loss into your system,=
no
matter how small that loss may be?

The only justification for using Mr RCA's product is cost!
Otherwise,
why bother?

Regards

Mel
GM6JAG Edinburgh Scotland

Home of the last HW9

Date: Thu, 24 Jan 2002 15:37:04 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: <mel@euramcom.freeseerve.co.uk>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [118221] Phono/RCA Plugs
Message-ID: <001101c1a530\$60e7c5e0\$71c2fea9@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Phono / RCA with ceramic inserts were used by major manufactures to facilitate ease of fabricating replacement cables. These connectors made blind mating possible & provide equal, if not better SWR than BNC or N Connectors. Major Manufactures (Collins, Heathkit, & others) would have retrofitted / changed production if the Military disapproved their reliability. These vendors stood to loose contracts and fiscal fluidity had "phono connectors" not proved reliable. Doubt these statements? Go to company archives or speak with engineers or technicians who worked on design & support.

The caveat. Use top quality connectors as a benchmark / standard. Do not judge any results upon "bargain basement" generic parts that are stamped and poorly made.

Consider that SMA connectors are limited to much fewer mechanical cycles than phono connectors or certain BNC problems. Yes, cost entered the equation. 73, Ron <W2WU>

----- Original Message -----

From: euramcom pages <mel@euramcom.freeseerve.co.uk>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: 24 January, 2002 11:29
Subject: phono plugs 2c worth

>
> Subject: phono plugs 2c worth
>
> I've never really understood why anyone would want to use a phono

> plug for anything, even audio, given that it is IMHO a whole piece
> of
> absolute garbage.
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> In most any equipment I have ever had to repair or test,
> professionally or on an amateur basis, if a phono plug and socket is
> fitted, then that tends to be where all intermittent faults lie.
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> I've seen them melted when used as power plugs and sockets (yes,
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> people use them as that), and the lack of a decent cord grip even in
> the most expensive gold plated versions gives rise to flexing
> problems and intermittent faults.
>
> And then we come to trying to make any co-ax fit to them!
>
> Spend the \$ more and buy a BNC or other RF connector I say. Think on
> this! Despite all the opinions, at QRP levels you've only got a few
> watts (or milliwatts) to play with. Why faff about using *ANYTHING*
> which is likely to introduce any form of loss into your system, no
> matter how small that loss may be?
>
> The only justification for using Mr RCA's product is cost!
> Otherwise,
> why bother?
>
> Regards
>
> Mel
> GM6JAG Edinburgh Scotland
> Home of the last HW9
>
>
>
>
>
>

Date: Thu, 24 Jan 2002 16:41:52 -0500
From: "William W. Combs" <wcombs@dbts.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [118222] Argosy II
Message-ID: <B875E9CF.11AC%wcombs@dbts.edu>
Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Can someone tell me what a Ten Tec Argosy II (525D) with power supply and mic should sell for?

--

Bill, W8BC

Date: Thu, 24 Jan 2002 16:54:04 -0500
From: Randy Goff <kd8g@casinternet.net>
To: qrp-1@Lehigh.EDU
Subject: [118223] Re: BRUCIE - give us a break!
Message-ID: <3C50827C.15B51351@casinternet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul,

Talk about hitting the nail on the head !!! Well put, easy to understand and beyond reproach. Thank you !

Randy KD8G, W8KEY

Date: Thu, 24 Jan 2002 17:13:01 -0500
From: "Paul Christensen" <paulc@mediaone.net>
To: <w2wurjj@verizon.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [118224] Re: Phono/RCA Plugs
Message-ID: <006701c1a524\$4d812700\$6401a8c0@se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Phono / RCA with ceramic inserts were used by major manufactures to
> facilitate ease of fabricating replacement cables. These connectors made
> blind mating possible & provide equal, if not better SWR than BNC or N
> Connectors.

As much as I detest RCA connectors, they are considerably more reliable in audio

applications than that of the standard 1/4-inch or 1/8-inch phone connector/jack. In the latter, pressure from the jack is applied to a relatively small cross-section of the phone plug. In essence, the jack simply "touches" the plug with the leaf spring at one point. In the case of the RCA, contact is applied relatively evenly over the entire concentric area of the inner and outer conductors.

I am not sure I could justify the use of an RCA connector as "good engineering practice" where any sensible level of power is involved. On the other hand, as W2WU pointed out, the performance of the ceramic RCA components is actually quite good. I recall that Heathkit used a ceramic RCA connector on the RF output of its HW-101 transceiver and as the input to its SB-230 linear amp (not quite QRP but it's an illustrative example). For RF power levels less than 100-watts, it is difficult to beat the BNC connector. It is small, easy to connect/disconnect and maintains a low-loss "constant impedance" characteristic.

-Paul, W9AC

Date: Thu, 24 Jan 2002 14:27:31 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: ai2q@adelphia.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [118225] Re: DXer's discipline and VP8THU
Message-ID: <20020124222731.59638.qmail@web14205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Alex, and all who are here,

The reason for the problem is do to the total lack of elmers. I know that when I started there were people in the local club who talked about the proper operating practices either as a formal presentation or just around the the snack table. This is something that I have started to do at the mtgs. as the older elmers are all gone now and we have new hams who need and want the discussions so they can learn from those of us who have been there and done that.

This is something we can all do at the local clubs which we are members of. It will not cure the problem,

but will go a long way in lowering the level of the QRM.

This also needs to be done by the editors of the major mags. The ARRL use to run more operating articles then now, but that too is the fault of the membership. If it isn't submitted, it can't be printed.

Better stop before I start on all the wrongs that DXCC has let loose on the bands.

ELMER, not only the new but the old as well who have forgotten the proper way to do it. Remember, the most important piece of equipment for DX is on either side of your head, use them.

73, Bill KC4ATU

Do You Yahoo!?
Great stuff seeking new owners in Yahoo! Auctions!
<http://auctions.yahoo.com>

Date: Thu, 24 Jan 2002 17:29:08 EST
From: Macstein@aol.com
To: <fpqrp-1@mpna.com>, <qrp-1@lehigh.edu>
Subject: [118226] Truffle tonight 1-25-02z
Message-ID: <c1.1ab3b380.2981e4b5@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I will be your truffle tonight 1-25-02 / 0130z.

I'm not sure where I will find a clear freq with some room above or below the TX. Listen, because I may say UP or DWN as I "CQ FP". It will most likely be between 7.035 and 7.050 Mhz. I'll send your call at the beginning and end of the exchange at your speed if I can, and try to confirm with your name or "oo".

Extra credit will be given to ops from WY, MT and NE. Piggies will know why.

I'll use the K2 at full 5 watts to the stealth G5RV jr.

Good hunting! oo

-MAC-
AF4PS
Odessa, FL
FP-51

Date: Thu, 24 Jan 2002 17:35:52 EST
From: Ke9xq@aol.com
To: <qrp-1@lehigh.edu>
Subject: [118227] PC Board Cutting
Message-ID: <fc.12af2395.2981e648@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Greetings to the group

I've cut circuit boards several ways, you can reverse a circular saw blade and it will cut through the stuff like hot butter, but you need to watch yourself and the board, and then of course when the pieces get too small, then it is very dangerous. I've done some of the smaller cutting, but do not recommend my way of using the circular saw as if it were a table saw. Secondly, there are the angle grinders, they can be fixed with a cutoff blade or it's really a very thin grinding wheel can't think of the name of the cutoff disk, but you usually use it with cutting metal. After the pieces are small enough, I can use a dremmel tool with it's cutoff wheels, a miniture of the larger wheels I was just talking about. If you can, use a dust mask, glasses, and outdoors... That powder is not too good for you. Hope one of these ideas help. I've tried the saber saw, and the blades I had would not do a good job, but that's not fair for the saw, as I probably could have gone out and purchased a better blade.

73 72
Bill KE9XQ

Date: Thu, 24 Jan 2002 13:45:49 -0700
From: Monte Stark <ku7y@qsl.net>
To: nr2v@northnet.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [118228] Re: Dr Dx...Code trainer
Message-ID: <3C50727D.97E6927A@qsl.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

>
> Anybody know of a windows based program that is similar to the c-64 "Dr. DX"

> ?????
> 73
> Dean

Hi Dean and all,

I'm replying to the whole list because I think others might also like to know.

The contest logging program TR Log comes close to the old Dr. DX. When run in the Simulator mode it lets you "work" the contest. Several contests are support in the simulator mode. While there in no QRM or QRN like there was in Dr. DX, the rest of it comes close.

It was designed to let you learn how to use the program and not as a "toy" but it keeps working even when I start smiling! :-)

There may well be other programs out there that do the same or that are even closer to Dr. DX. If so, I'd like to know too! That one program keeps a few C-64's around in used even in this day and age!

TR Log will also "read" and send any text (.txt) file you tell it to. That is another good way to get some quality CW time in.

Just don't forget to turn the radio on now and then too! :-)
After all, this hobby is known as Amateur Radio, NOT Amateur Computer!

OK, back in my hole.....

--
73,

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West
Currently in Brenda, AZ
QRP-L #17

Date: Thu, 24 Jan 2002 13:51:26 -0700

From: Monte Stark <ku7y@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [118229] Re: WARNING!!!!!!!!!!!!
Message-ID: <3C5073CE.16FE10BA@qsl.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi All,

As others have said, aluminum and grinding wheels are a BIG NO-NO.

But I thought I'd let you know how we "ground" aluminum at work. (Back in those dark ages when I had to get up and go to work!)

We used a sander. Several styles work fine. They are nothing more than a piece of sand paper that is powered. In other words, they are either a belt that moves like a tank track or they are round and spin.

Use normal precautions such as gloves and eye protection. Also don't inhale!

You can use a file on aluminum. However it can be hard to clean the file later but at least it's safe!

Later....

--

73,

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West
Currently in Brenda, AZ
QRP-L #17

Date: Thu, 24 Jan 2002 13:58:44 -0700
From: Monte Stark <ku7y@qsl.net>
To: na5n@rt66.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [118230] Re: BRUCIE - give us a break!
Message-ID: <3C507584.9CCB956C@qsl.net>

MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi Paul and All,

Some things are never easy to say but none the less they need to be said.

I also support what Paul has said 100%.

--
73,

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West
Currently in Brenda, AZ
QRP-L #17

Date: Thu, 24 Jan 2002 16:39:45 -0600
From: Ed Manuel <edmanuel@directvinternet.com>
To: qrp-l@lehigh.edu
Subject: [118231] Re: PC Board Cutting
Message-ID: <4.3.2.7.2.20020124163609.00c13900@mail.directvinternet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

A safer way is to use a pair of "half-moon" Wiss Tin Snips - these are not the ones with the curved blades for cutting sheet metal. These are the large, gray ones with blades that are very heavy and shaped like semi-circles. With care, you can cut large pieces or small pieces. The only problem with this method is that the snips impart a curl to the board as its cut. No problem to straighten the board if its just plain clad board. I would not want to cut a commercially etched board with small traces like this for fear that the curling might cause a trace to separate. Great for making the pieces for boxes and Manhattan construction. And, no way you can lose a hand :-)

Ed, N5EM

At 05:35 PM 1/24/02 -0500, you wrote:
>Greetings to the group

> I've cut circuit boards several ways, you can reverse a circular saw
> blade and it will cut through the stuff like hot butter, but you need to
> watch yourself and the board, and then of course when the pieces get too
> small, then it is very dangerous. I've done some of the smaller cutting,
> but do not recommend my way of using the circular saw as if it were a
> table saw. Secondly, there are the angle grinders, they can be fixed
> with a cutoff blade or it's really a very thin grinding wheel can't think
> of the name of the cutoff disk, but you usually use it with cutting
> metal. After the pieces are small enough, I can use a dremmel tool with
> it's cutoff wheels, a miniture of the larger wheels I was just talking
> about. If you can, use a dust mask, glasses, and outdoors... That
> powder is not too good for you. Hope one of these ideas help. I've
> tried the saber saw, and the blades I had would not do a good job, but
> that's not fair for the saw, as I probably could have gone out and
> purchased a better blade.
>73 72
>Bill KE9XQ

Date: Thu, 24 Jan 2002 17:56:20 -0500
From: "David Porter" <aa3ur@home.com>
To: <Ke9xq@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [118232] Re: PC Board Cutting
Message-ID: <00c001c1a52a\$573539c0\$927ba8c0@jamison1.pa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Having cut the boards for around 100 NJQRP Manhattan Homebrewing Starter Kits, I can tell you what works for me. I now cut the large boards (3' by 4') using a dry diamond blade in a radial arm saw set up for ripping. This part would be better on a table saw, but the diamond blade doesn't really have teeth, so there is no kickback. This generates a large amount of powder that I try to avoid as best I can with vacuums and fans. After I have pieces that are a little easier to handle, I use the Harbor Freight Shear. I have modified the mechanical stop so I can set it with higher precision using some spacer blocks (like gauge blocks, but not as precise).

If you think you will do more than a little bit of board cutting, the shear is the way to go. An additional plus is that the shear doesn't turn the material in the way of the blade into dust.

David Porter AA3UR
aa3ur@home.com

----- Original Message -----

From: <Ke9xq@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, January 24, 2002 5:35 PM
Subject: PC Board Cutting

> Greetings to the group
> I've cut circuit boards several ways, you can reverse a circular saw blade and it will cut through the stuff like hot butter, but you need to watch yourself and the board, and then of course when the pieces get too small, then it is very dangerous. I've done some of the smaller cutting, but do not recommend my way of using the circular saw as if it were a table saw. Secondly, there are the angle grinders, they can be fixed with a cutoff blade or it's really a very thin grinding wheel can't think of the name of the cutoff disk, but you usually use it with cutting metal. After the pieces are small enough, I can use a dremmel tool with it's cutoff wheels, a miniture of the larger wheels I was just talking about. If you can, use a dust mask, glasses, and outdoors... That powder is not too good for you. Hope one of these ideas help. I've tried the saber saw, and the blades I had would not do a good job, but that's not fair for the saw, as I probably could have gone out and
> purchased a better blade.
> 73 72
> Bill KE9XQ

Date: Thu, 24 Jan 2002 18:10:08 -0500
From: "ss lyon" <sslyon@megalink.net>
To: "chat qrp" <qrp-1@lehigh.edu>
Subject: [118233] OT: The Dyslexic Agnostic Insomniac...
Message-ID: <005701c1a52c\$446fb480\$c7a969ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-stayed up all nite wondering if there really was a Dog.

Date: Thu, 24 Jan 2002 18:12:47 -0500

From: "Dave Richards" <wr3i@earthlink.net>
To: <duffy01@fuse.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [118234] Re: Brucie - give us a break!
Message-ID: <001201c1a52c\$a4a7f7e0\$037bd63f@sony>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please please Don't make it a Yahoo list! The incessant Ads and extra e-mail clutter will reduce the pleasure I get from a privately run close group like ours

Regards

Dave W1QB

----- Original Message -----

From: <duffy01@fuse.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, January 24, 2002 9:41 AM
Subject: Re: Brucie - give us a break!

> Group,

>

> One possibility to force a correction in behavior is to take the list to Yahoo Groups and make it a moderated list. People who don't behave can then be banned from having access to the list.

>

> I dropped my subscription to the list for about a year or so. Great e-mails and interaction, but the flood of e-mails was incredible. I re-subscribed to the list a few months ago and was really surprised by the verbal attacks, way off topic posts and a lowering in the quality of posts and positive interaction.

>

> p.s. - Randy, I'm also in Cincinnati. I converse with your top IS guy on occasion.

>

> Regards,

>

> Duffy - WB8NUT

>

> >

> > From: "Randy Randall" <RANDALLR@Healthall.com>

> > Date: 2002/01/24 Thu AM 09:30:36 EST

> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> > Subject: Re: Brucie - give us a break!

> >

> > I agree 100% too. The flood of off list e-mails I have had from Bruce

that made NO sense was astounding! I have posted very little since. Your post hit the nail squarely on the head.

> >

> > Randy KB8ASO

> >

> > Randy E. Randall

> > Network Engineer

> > The Health Alliance of Greater Cincinnati

> > Phone 513-585-7146

> > Fax 513-585-7159

> >

> >

> >

>

>

Date: Thu, 24 Jan 2002 15:32:46 -0800

From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>

To: elecraft@mailman.qth.net, QRP-L <qrp-l@lehigh.edu>

Subject: [118235] Elecraft at RadioFest, Monterey, CA Feb 23rd (Date change)

Message-ID: <3C50999E.B4372789@elecraft.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

RadioFest in Monterey, CA, has changed their hamfest date from Feb. 16th to Feb. 23rd. Here's a repeat of our earlier posting with the corrected date.

Wayne, Scott, I and some of our K2 owners will be at RadioFest, in Monterey, CA, Feb. 23rd with all our goodies. We will also be giving a seminar on advanced receiver design.

Its also a great excuse to come to the Monterey peninsula and check out the beautiful scenery and the World Famous Monterey Bay Aquarium. (Tell your spouse, kids etc. so they will let you come...)

You can read more about RadioFest at:

<http://www.k6ly.org/radiofest/>

73, Eric WA6HHQ

--

<http://www.elecraft.com>

Date: Thu, 24 Jan 2002 16:49:00 -0700
From: "John_Evans" <jaevans@codenet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [118236] small amounts of tyvek for sled kites
Message-ID: <200201241649.AA899744024@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings,

Doing a little digging for some backpacking research, I came across a guy who is selling reasonable amounts of tyvek (3 ft wide x your choice of lengths with a minimum of 8 ft) for backpackers who use the material for groundcloths, etc.

For those using the material for kites, etc., checkout <http://www.geocities.com/amytyts/Tyvek.htm>

I've not ordered from this individual so can't vouch for him, so FYI.

72 - john - n0hj

Date: Thu, 24 Jan 2002 18:45:08 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: <aa3ur@home.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [118237] Re: PC Board Cutting
Message-ID: <025301c1a531\$288267e0\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

David,

Check out the "Meteorite CBN Blade". The abrasive edge is coated with Cubic Boron Nitride instead of diamonds. It cuts material with metal in it (such as copper clad) a LOT better and doesn't wear as fast as the diamond blade.

Johnson Bros F.C., Inc.
<http://jbfc.com/>

I use a lapidary saw for cutting my PCB's. I use it for other things too... But it does a wonderful job on PCB's. Most lapidary saws are made to run with a coolant. I've never used a coolant while cutting PCB's but it would really keep the dust down if I did as the dust gets trapped in the coolant

("distilled water") tank. I always wear a mask and goggles while cutting/trimming boards.

73/72/71! de Brice KA8MAV

----- Original Message -----

From: "David Porter" <aa3ur@home.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, January 24, 2002 5:56 PM

Subject: Re: PC Board Cutting

> Having cut the boards for around 100 NJQRP Manhattan Homebrewing Starter
> Kits, I can tell you what works for me. I now cut the large boards (3' by
> 4') using a dry diamond blade in a radial arm saw set up for ripping.

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> part would be better on a table saw, but the diamond blade doesn't really
> have teeth, so there is no kickback. This generates a large amount of
> powder that I try to avoid as best I can with vacuums and fans. After I
> have pieces that are a little easier to handle, I use the Harbor Freight
> Shear. I have modified the mechanical stop so I can set it with higher
> precision using some spacer blocks (like gauge blocks, but not as
precise).

>

> If you think you will do more than a little bit of board cutting, the
shear

> is the way to go. An additional plus is that the shear doesn't turn the
> material in the way of the blade into dust.

>

>

> David Porter AA3UR

> aa3ur@home.com

>

> ----- Original Message -----

> From: <Ke9xq@aol.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Thursday, January 24, 2002 5:35 PM

> Subject: PC Board Cutting

>

>

> > Greetings to the group

> > I've cut circuit boards several ways, you can reverse a circular saw
> blade and it will cut through the stuff like hot butter, but you need to
> watch yourself and the board, and then of course when the pieces get too
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> name of the cutoff disk, but you usually use it with cutting metal. After
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> wheels, a miniture of the larger wheels I was just talking about. If you
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> for you. Hope one of these ideas help. I've tried the saber saw, and the
> blades I had would not do a good job, but that's not fair for the saw, as
I
> probably could have gone out an!
> > d purchased a better blade.
> > 73 72
> > Bill KE9XQ
>

Date: Thu, 24 Jan 2002 18:51:46 EST
From: Drbob92031@aol.com
To: jaevans@codenet.net
Cc: qrp-l@lehigh.edu
Subject: [118238] Re: small amounts of tyvek for sled kites
Message-ID: <41.1741f4c8.2981f812@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi John;

I have found a FREE place to get Tyvek. Only problem is it comes in sheets of about 2 feet X 3 feet. If you can bond a few together with a heat seal then you are home free. I used to dumpster dive at home construction sites and collect the stuff until my wife and daughter took my clothes away so I could not leave the house. They said I was an embarrassment. The free place is the Us. Post Office, Over night envelopes.

72/73 de Bob .. wa2eaw

End of QRP-L Digest 2445

